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| Cyr61 | M--SSSTFRTLAVAVTLLHL--TRIALST-CPAAC--HCYLE-AFKCAPGVCGLYRDCQATKTCRDKK | 58 |
| CEF10 | M--CSACARP-ALAAAILCL--ARLAALGSPCPAVC--QCPAA-AEQCAEVGLYFDGCG--EVYDKK | 58 |
| Fisp12 | M--LASVAGTISLA-LVLLALCTRPAEQDCGSAQC--QCAAEAAFPHCFAVTSLELDGCG--EVYDKK | 61 |
| CTGF | M--TAASHGTVRVAFFVLLALCSRFAVCONCSCPC--RCFDEPAKPCFAVSVLTDGCG--EVYDKK | 62 |
| Nov | METGGCGQCLFVLLLILLRLPCEVSGREAACRPGCGRCPAEP-FRCAPOGVPAVLDGCG--EVYDKK | 65 |
| Cyr61 | QLNEDCSKTOPCDHTKGLCECNFGASSTALKGICRAQSEGKPCYEINSKIVYQNGESFQPNQHQCTI | 124 |
| CEF10 | QLNEDCSR7Q2CDHTKGLCECNFGASPAATNCICRAQSEGKPCYEINSKIVYQNGESFQPNQHQCTI | 124 |
| Fisp12 | OLGEELCTERD2CDPHKGIFCDFGSPANRKICGVCTAK-DGAPCVCFCGSGVERSTGESSDSSDVKL | 126 |
| CTGF | OLGEELCTERD2CDPHKGIFCDFGSPANRKICGVCTAK-DGAPCFCGCGVERSTGESSDSSDVKL | 127 |
| Nov | QRCGSCSPLLPQDUSGQLYCDRGPEDCGGAGLCKVL-EQDNQVFDQKIVDQGKQDQPSDVKL | 130 |
| Cyr61 | DGAVGCIFLCPQELSLPNLCCPFPRLVKVSGCCEEWVCDDEDSIK-DSLDD-QDDLLGQDASEVIL | 188 |
| CEF10 | DGAVGCIFLCPQELSLPNLCCPFPRLVKVSGCCEEWVCDSEKDALEELEGFTSKEFQDASEGIL | 190 |
| Fisp12 | DGAVGCVPLCSMDWLPSPDCPFPRLVKLPCKCCCEEWVCDEPKQDKTAVG-----ALAKYRLED | 185 |
| CTGF | DGAVGCVPLCSMDWLPSPDCPFPRLVKLPCKCCCEEWVCDEPKQDTVVG-----ALAKYRLED | 186 |
| Nov | DQIICSLPRLNLGILLPCPDCPFPKIEVPGECCERWVCDPFDDEVILGGF-----ANAKYRQEA | 189 |
| Cyr61 | IRNNELIAIGKGSSLKLRLPVCTTEPRVLFNPLHAKGOKCTIVQTTTSWSQCSKSGCTCISLTKVTRNTP | 254 |
| CEF10 | IRNNELIAIVKCC-LQMLPVFCSEPO----SRAFENPKCIVQTTTSWSQCSKTCGCTGISDVKNDNTP | 251 |
| Fisp12 | I-----FCFDP-----TMRARCLVQTTTTSACSKICCGCTGCTGISDVKNDNTP | 225 |
| CTGF | I-----FCFDP-----TMRARCLVQTTTTSACSKICCGCTGCTGISDVKNDNMA | 226 |
| Nov | I-----LGIDV-----SDSSANCIDQTTTTSACSKSGCGCTGCTGKIDHNRQ | 229 |
| Cyr61 | ECRLVKEITKICEVPRCCQFPVYSSLKKGKXKCSKTKQSPEPVRFTYACCSV100CPKYGCGSVDGK | 320 |
| CEF10 | DGKLIKETKICEVPRCCQFPYSASLKKGKXKCTKQSPPVRFTYACCSV100CPKYGCGSVDGK | 317 |
| Fisp12 | FCRLEXOSRLLCMLVPECEADLEENIKKXKCTKPKLAKPVKFELSCTSVKIDRAKFCGVCTDQED | 291 |
| CTGF | SCRLEXOSRLLCMLVPECEADLEENIKKXKCTKPKLAKPVKFELSCTSVKIDRAKFCGVCTDQED | 292 |
| Nov | QCEMVQTRLCMMPGCE-EEPSDQKXKCIQDOSMIAVRFEYQNGTSVQIDKPKYCGLENDGK | 294 |
| Cyr61 | CTPLOTKTRVCKMFRCEIDGEMFSCNVMK-10SKCKPVCNCPHPRNEASFRLY--SLFNDIHKFRD | 379 |
| CEF10 | CTPQQTRIVKICRFRCDGCTFTKSVMK-10SKCRCPYNCPHANEAYPFY--RLVNDIHKFRD | 376 |
| Fisp12 | CTPHETCTTLPVERKCPDGEIHKQK-MMFIXKTCACHTYNCPCDNDIFESLYRJQMYGMA | 348 |
| CTGF | CTPHKRTTLPVERKCPDGEVMMK-MMFIXKTCACHTYNCPCDNDIFESLYRJQMYGMA | 349 |
| Nov | CTPHNDCTIQVFRCPQGICFLQK-MMLINTCVCHGRCPQSNNAAFFQPLDFMSSEAKI | 351 |

FIGURE 1

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|--------|------------------------|--------------------|------------------------------------|------------------------|----------|---------------------------|---------------|-----------------|-----|
| CYR61 | M--SSSTFRTLAVAYTLLHL-- | TRIALST-CPAAC-- | HCPLLE-APKCAPGVGLVRDGGCCCKVCAK | 58 | | | | | |
| CEF10 | M--GSAGARP-ALAALLCL-- | ARLALGSPCPAVC-- | QCPAA-APQCAPGVGLVPDGGCCCKVCAK | 58 | | | | | |
| FISP12 | M--LASVAGPISLA-LVLLALC | TRPATGODCSAQ | C--QCAAEAAAPHCPAGSLVLDGGCCCRVCAK | 61 | | | | | |
| CTGF | M--TAASMGPYRVAFVVL | LALCSRPAVGQNC | SGPC--RCPDEAPRCPAGSLVLDGGCCCRVCAK | 62 | | | | | |
| Nov | METGGGGGLPVLLL | LRPCEVSGREAC | PRPCGGRCPAEP-PRCAPGPVAVLDGGCCCLVCA | 65 | | | | | |
| CYR61 | QLNEDCSKTOPCDHTKGL | ECNFASSTALKGICRA | AOSEGRPCYE | NSRIYONGESFOPNCKHQCTCI | 124 | | | | |
| CEF10 | QLNEDCSRTOPCDHTKGL | ECNFASPAATNGICRA | AOSEGRPCYE | NSKIYONGESFOPNCKHQCTCI | 124 | | | | |
| FISP12 | QLGELCTERDPCDPHKGL | FCDFGSPANRKIGVCTAK | -DGAPCVFGS | YRSGESFOSSCKYQCTCL | 126 | | | | |
| CTGF | QLGELCTERDPCDPHKGL | FCDFGSPANRKIGVCTAK | -DGAPCIFGGT | YRSGESFOSSCKYQCTCL | 127 | | | | |
| Nov | ORGESCSPLLP | CDESGGLYCDRGPE | DGGAGICMVL-EGDNCVFDGM | YRNGETFOPSCKYQACTCR | 130 | | | | |
| CYR61 | DGAVGCCIP | LCPOELSLPNL | GC | PNPRLVKYSQCC | EWVCD | EDSIK-DSLDD-ODLLGLDASEVEL | 188 | | |
| CEF10 | DGAVGCCIP | LCQELSLPNL | GC | PSPLV | KVPGQCC | EWVCD | SKFEGLDASEGEL | 189 | |
| FISP12 | DGAVGCCIP | LC | SMDVRLP | SPDCPF | PRVKLPGK | CKE | WVCD | PKDRTAVGP----- | 189 |
| CTGF | DGAVGCCIP | LC | SMDVRLP | SPDCPF | PRVKLPGK | CKCE | WVCD | PKDQTVGP----- | 185 |
| Nov | DGQIGCLPRCNL | GLL | PP | DCPF | PRKIEVPG | ECCEK | WVCD | PRDEVLLGGF----- | 186 |
| | | | | | | | | -AMAAAYRQEA | 189 |

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| CYR61 | TRNNELIAIGKGSSSLKRLPVGTEPRVLHAGQKCIYVOTTSSWOCSSKSCGTGISTRVTNDNP | 254 |
| CEF10 | TRNNELIAIVKGG-LKMLPVGSEPQ-----SRAFENPKCIVYOTTSSWOCSSKTCGTGISTRVTNDNP | 251 |
| FISP12 | FGPDP-----TMMRANCLVOTTEWSACSKTCGMGISTRVTNDNT | 225 |
| CTGF | FGPDP-----TMMRANCLVOTTEWSACSKTCGMGISTRVTNDNT | 226 |
| Nov | LGIDV-----SDSSANCIEOTTEWSACSKSCGMGFSTRVTNRNQ | 229 |
| | | |
| CYR61 | ECRLYKETRICEVRPCGQPVYSSLKKGKKCSKTKKSPEPVRFTYAGCSSVVKYRPKYCGSCVGDGRC | 320 |
| CEF10 | DCKLIKETRICEVRPCGQPSYASLKKKGKKCTTKSPSPVRFTYAGCSSVVKYRPKYCGSCVGDGRC | 317 |
| FISP12 | FCRLEKOSRRLCMVRPCEADLEENIKKGKKCIRTPKIAKPKFELSGCTSVKTYRAKFCGVCTDGRC | 291 |
| CTGF | SCRLEKOSRRLCMVRPCEADLEENIKKGKKCIRTPKISKPKFELSGCTSMKTYRAKFCGVCTDGRC | 292 |
| Nov | QCEMVKQTRLCMRRPCEN-EEPSDKKGKKCIQTKKSMKAVRFEYKNCTSVAQTYKPRYCGLCDGRC | 294 |
| | | |
| CYR61 | CTPLQTRTVKIRFRCEDGEMFSKNVMM-1QSCKCNYNCPHNEASFRLY--SLFNDIHKFRD | 379 |
| CEF10 | CTPQQQTRTVKIRFRCDDGETFTKSVMM-1QSCCRNCPHANEAYFY--RLVNDIHKFRD | 376 |
| FISP12 | CTPHRTTLPVEFKCPDGEIMKKN-MMFIKTCACHYNCPGDNDIFESLYYRKMYGDMIA | 348 |
| CTGF | CTPHRTTLPVEFKCPDGEYMKKN-MMFIKTCACHYNCPGDNDIFESLYYRKMYGDMIA | 349 |
| Nov | CTPHNTKTIQVEFRCPQGKFLKKP-MMMLINTCVCHGNCPCQSNNAFFQLDPMSSEAKI | 351 |